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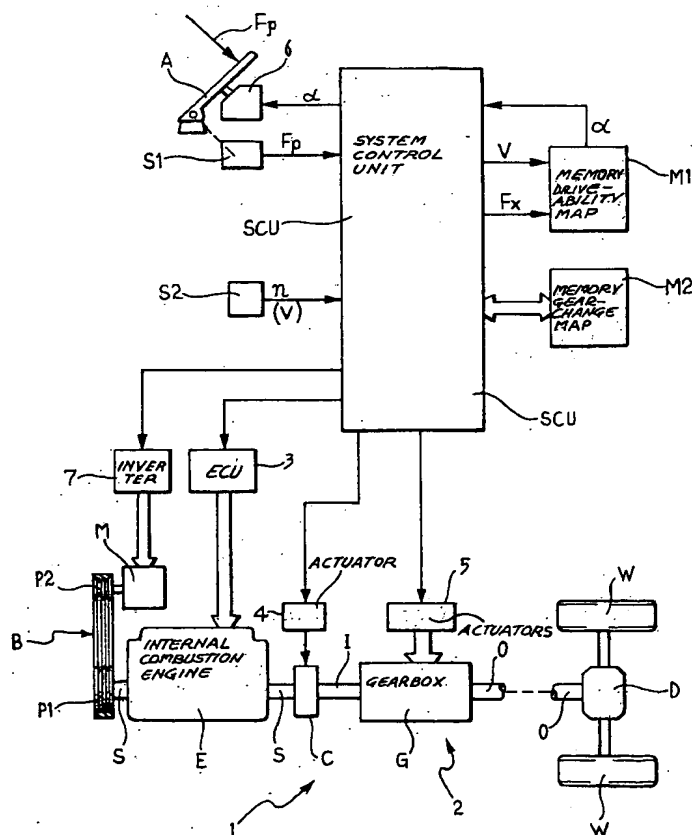
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(54) Title: A PROPULSION CONTROL SYSTEM FOR A MOTOR VEHICLE



(57) Abstract: The system controls the propulsion of a motor vehicle with a propulsion system (1) which includes an internal combustion engine (E) with a shaft (S) for coupling to a transmission (2). The system includes an accelerator (A) with an associated sensor devices (S1) for supplying electrical signals indicating the force (FP) applied on the accelerator (A) by the driver, and an actuator device (6) operable to alter the position of the accelerator (A); sensor devices (S2) supplying electrical signals indicating the speed of rotation (n) of the shaft (S) and/or the vehicle speed (V); and an electronic control unit (SCU) operable to control the propulsion system (1) in dependence on the signals supplied by the sensor devices (S1) and (S2). The control unit (SCU) acquires the signals generated by the sensor (S1) and establish an instantaneous value for the traction force (FX) to be developed on the ground by the drive wheels (W) corresponding to the instantaneous value of the force (FP) applied to the accelerator (A); and control the actuator device (6) in such a way that this latter tends to place the accelerator (A) in a position which corresponds to the instantaneous value of the vehicle speed (V).

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